

# ABSTRACT

A printing paper sheet is provided in which cellulose  
5 fibers are coated with solids of a substantially organic  
solvent-free silicone resin emulsion composition which is  
obtained by emulsion polymerization of a mixture comprising  
(a) a singly water insoluble, silanol group-bearing silicone  
resin and/or a radical polymerizable vinyl group-bearing  
10 alkoxysilane and (b) a radical polymerizable vinyl monomer.  
The paper sheet in which cellulose fibers are coated with  
the acrylic silicone resin is minimized in deformation or  
stretching and contraction upon water absorption and thus  
suited for printing by an ink jet printer. The quality of  
15 printed image is equal to ordinary coated paper sheets.